18·19.

ಪುಟ್ಟಲಿಪಿ ಪ.ಪ.

ಕರಂಡು ಮಿಲಂಪಿಪಿ.

ರ 497000 ರ ಮೆಕ್ಕ

Executive Engineer 7/12
atarayanapura Division
ahank Zone, B.B.M.P.
Bang...ore-560092
07/12

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496901

Serial No. first and part bill:-

Name of Work Package No·02 [Package consists of 14 Nos works]

Name of Contractor of nature of Agency Sri. D. Narahari

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	940·00 lakhs.					
	Head of account:-	P3158 - SIP - Infrastructure project works.					
	Government approval:-	Govt order No. ನಅಪ 259. ಬಂಬೆಕ 2018, D:03·9·18					
	Amount put to tender:	92159713·13.					
	Approved tender price:-	98610893·05					
	Work order no:-	No·BBMP/EE/BTP/NO/164/18-19; dt: 17·11·18					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:- Earthwork for road, drains and similar works by manual means, Qty vide measurement sheet nos of excel sheet enclosed.						
			Pg no Qty				
			04 → 768.24				
			37 → 579.88				
			47 → 58.05				
			Total → 1406.17 cum				
	BOQ qty → 10454.76 cum						
	At the rate of Rs. 217.12 →						305307.63

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.02:- Removing and
	Qty vide measurem
	BOQ qty → 3570.
	At the rate of Rs.

Contents	Reference to last Measurement
7	8
works by manual means.	
enclosed.	
	305307.63

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496902

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.02:- Removing and resetting of footpath slab., Qty vide measurement sheet nos of excel sheet enclosed.						
		Pg.no	Qty				
		06 →	1635.72				
		Total →	1635.72 sqm				
	BOQ qty → 3570.00 sqm						
	At the rate of Rs. 141.78 →						231912.38

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. NO.07:- Providing granite slabs of selected quality roughly dressed and fixed.)						
	Qty vide measurement sheet nos of excel sheets enclosed.						
		Pg.no	Qty				
		39 →	1867.26				
		Total →	1867.26 Sqm				
	BOQ qty →		9726.92 sqm				
	At the rate of Rs. 712.28 →						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Item NO.10:- Providing and la	
	10th OPC cement @ 220 kgs	
	Qty vide measurement s	
		Pa
		2
		To
	BOQ qty →	1
	At the rate of Rs. 572	

	Contents	Reference to last Measurement
h	7	8
	ality roughly dressed	
	eets enclosed.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496903

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.10.- Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 320 kgs., Qty vide measurement sheet nos of excel sheets enclosed.						
		Pg.no	Qty.				
		40 →	2.16				
		48 →	11.25				
		Total →	13.41 cum				
	BOQ qty →	176.92 cum					
	At the rate of Rs. 5723.17 →						76747.70

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 16:- Providing and constructing granite |trap| basalt size stone masonry.,						
	Qty vide measurement sheet no of excel sheet enclosed.						
		Pg no	Qty				
		41 →	4.97				
		49 →	34.83				
		Total →	39.80 cum				
	BOQ qty →		241.26 cum				1890006.42
	At the rate of Rs. 4748.90 →						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Item No 17:- Providing flush stone masonry.,	
	Qty vide measurement	
	BOQ qty →	
	At the rate of Rs. 110.	

K

epth 6	Contents 7	Reference to last Measurement 8
rap	basalt size stone	
el sheet enclosed.		
		189006.42

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496904

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item No.17 :-	Providing flush pointing to square rubble, course or uncourse of stone masonry..						
	Qty vide measurement sheet nos of excel sheet enclosed.						
		Pg.no	Qty				
		42 →	11.04				
		50 →	58.05				
		Total →	69.09	sqm			
	BOQ qty →	488.70 sqm					
	At the rate of Rs. 110.02 →						7601.50

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.18:- Providing and laying in position plain cement concrete of mix 1:2:4., Qty vide measurement sheet nos of excel sheets enclosed.	Pg.no	Qty				
		43 →	0.27				
		51 →	4.50				
		Total →	4.77 cum				
	BOQ qty → 72.20 cum						
	At the rate of Rs. 6171.18 →						29436.53

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.19:- Providing and cement concrete., Qty vide measurement
	BOQ qty → 1335.
	At the rate of Rs. 123

Contents	Reference to last Measurement
7	8
ment concrete of mix	
enclosed.	
	29436.53

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496905

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 19:- Providing and laying/fixing cement base, precast, pre-polished cement concrete., Qty vide measurement sheet nos of excel sheets enclosed.,						
			Pg. no. Qty				
			09 → 1135.94				
			Total → 1135.94 sqm				
	BOQ qty → 1335.00 sqm						
	At the rate of Rs. 1230.61 →						1397899.12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.20:- Providing and fixing RCC precast cover slab of 100mm th.,						
	Qty vide measurements sheet nos of excel sheet enclosed,						
		Pg no	Qty				
		11 →	188.76 Sqm				
		Total →	188.76 Sqm				
	BOQ qty → 2499.60 Sqm						
	At the rate of Rs. 1859.66 →						351029.40

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No.21:- Providing and fi	
	Qty vide measurements	
		P
		u
		S
		To
	At the rate of Rs. 5 2	

ntents	Reference to last Measurement
7	8
ab of 100mm th., erclosed.,	
	351629.40

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496906

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.21:- Providing and fixing RCC precast cover slab of 250 mm th for drain Qty vide measurement sheet nos of excel sheet enclosed.,						
		Pg.no	Qty				
		44 →	14.40				
		52 →	67.50				
		Total →	81.90 sqm				
	At the rate of Rs. 5297.57 →						433870.98

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 22:- Excavation for roadworks in soil with hydraulic excavator., Qty vide measurement sheet nos of excel sheet enclosed., ~~Pg no~~ Qty 13 → 1113.40 45 → 997.37 Total → 2110.77 cum BOQ qty → 6408.70 cum At the rate of Rs. 176.29 →						372107.63

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No. 21:- construction of gr crushed stone aggregate Qty vide measurements Pg. 15 BOQ qty → 372.97 cum At the rate of Rs.	To 17

OK

Depth 6	Contents 7	Reference to last Measurement 8
h hydraulic excavator.,		
l. sheet enclosed.,		
		372107.63

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496907

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 24:- construction of granular sub-base by providing close graded crushed stone aggregates.,						
	Qty vide measurements sheet nos of excel sheet enclosed.,						
		Pg no	Qty.				
		15 →	227.25				
	BOQ qty → 372.97 cum	Total →	227.25 cum				
	At the rate of Rs. 1781.83 →						404920.87

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 25:- Providing, laying, spreading and compacting graded stone aggregate to wet-mix-macadam.) Qty vide measurement sheet nos of excel sheet enclosed.,						
			Pg.no Qty				
			17 → 810.40				
			04 → 997.37				
			Total → 1807.77 cum)				
	BOQ qty → 5302.07 cum)						
	At the rate of Rs. 1891.85 →						3420029.50

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Item No 26:- Providing and apply	
	Qty vide measurement sheet	
	Pg.n	
	20	
	Tota	
	BOQ qty → 22350.08	
	At the rate of Rs. 29.45	

OK

Depth 6	Contents 7	Reference to last Measurement 8
compacting	graded	
sheet enclosed.,		
		3420029.50

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496903

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No 26:- Providing and applying primer coat.,						
	Qty vide measurement sheet nos of excel sheet enclosed.,						
		Pg.no	Qty.				
		20 →	3391.75				
		Total →	3391.75 sqm				
	BOQ qty → 22350.08 sqm						
	At the rate of Rs. 29.49 →						100022.78

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.27:- Cleaning the existing black topped surface.						
	Qty vide ~~page~~ measurement sheet nos of excel sheets enclosed.						
		Pg.no	Qty				
		23 →	9231.60				
		Total →	9231.60				
	BOQ qty → 93451.32 sqm						
	At the rate of Rs. 3.40 →						31387.43

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.28- Providing and
	Qty vide measureme
	BOQ qty → 123762
	At the rate of Rs. 13

Contents	Reference to last Measurement
7	8
ce.)	
el sheets enclosed.	
	31387.43

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496909

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.28 - Providing and applying tack coat using 80/100 grade bitumen., Qty vide measurement sheet nos of excel sheets enclosed., Pg.no Qty. 26 → 12623.35 Total → 12623.35 Sqm BOQ qty → 123762.50 Sqm At the rate of Rs. 13.61 →						171803.79

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 29:- Providing and laying dense graded bituminous macadam, Qty vide measurement sheets nos of excel sheet enclosed.,						
		Pg no	Qty				
		28 →	75.75				
		Total →	75.75 cum				
	BOQ qty → 562.40 cum						
	At the rate of Rs. ~~75.75~~ 7618.42 →						577095.32

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No 30:- Providing and la	
	Qty vide measurement	
	Pg	
	3	
	Tot	
	BOQ qty → 4632.08 c	
	At the rate of Rs. 8686	

Contents	Reference to last Measurement
7	8
itumino us macadam, heet enclosed.,	
	577095.32

M. A. R. 57 (Rule 116)
Measurement Book

No. B 496910

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO.30:- Providing and laying bituminous concrete., Qty vide measurement sheet nos of excel sheet enclosed.,						
		Pg.no	Qty				
		31 →	504.93				
		Total→	504.93cum				
	BOQ qty → 4632.08 cum						
	At the rate of Rs. 8686.84 →						4386246.12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 33:- Providing and fixing precast solid cement concrete kerb stones.)						
	Qty vide measurement sheet nos of excel sheet enclosed.)						
		Pg.no	Qty				
		33 →	337 nos				
		Total →	337 nos				
	BOQ qty →	1666 Nos					
	At the rate of Rs. 355.0 →						119635.00

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Item No 34:- Removing and r	
	Qty vide measurement	Pg.
		35
		704
		29
	At the rate of Rs. 70.32	

Assistant Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

For Benaka Developers And Projects Pvt. Ltd

NARAHARI .D
Managing Director

	Contents	Reference to last Measurement
th	7	8
	ent concrete kerb	
	eet enclosed.)	
		119635.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496911

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.34:- Removing and resetting of kerb stones. Qty vide measurement sheet nos of excel sheet enclosed.;						
		Pg.no	Qty				
		35 →	1368.70				
		Total →	1368.70 m				
		2970.0 m					
	At the rate of Rs. 70.32 →						96246.98
						Total =	14032319.00

Assistant Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

For Benaka Developers And Projects Pvt. Ltd

NARAHARI .D
Managing Director

AE(WT) 16/1/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that the contractor has done the work satisfactorily. Asstt Exe. N.D AE(WZ)						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No .....
Name of .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Audited & Admitted to Rs 1.40 Cheque No: 1.31,30,536-(Crore thirty one Lakh Hundred five Hundred Six and Rs 9.01,783-00 by Accts. Supdt. 6/12/02 Executive Engineer BBMP 6/12/02

OK

Depth 6	Contents 7	Reference to last Measurement 8
one the works satisfactorily		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496912

Serial No .....
Name of ..... From..... To.....
Name of ...ture of Agency .....
Date of c...f work .....

Date 1	...n, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Audited & Admitted for Rs 1,40,32,319-00 Cheque Rs: 1,31,30,536- (Rupees one crore thirty one lakh thirty thousand five hundred thirty six only) by Cheque and Rs 9,01,783-00 by adjustment Accts. Supdt. 01/02 Exe. Engineer 4/1/02 Systems Analyst Gr. II Systems Analyst Gr. I Bill Mr 01/02				Total Rs: 1,40,32,319-00		
					2% IT-	2,80,646-00	
					1% Cess-	1,40,323-00	
					0.1% CBF-	14,032-00	
					LR-	2,16,204-00	
					1% CGST-	1,25,289-00	
					1% SGST-	1,25,289-00	
					Adj:	9,01,783-00	
					Cheque:	1,31,30,536-00	